

- HALFFTER, G. AND E. G. MATTHEWS. 1966. The natural history of dung beetles of the subfamily Scarabaeinae (Coleoptera: Scarabaeidae). *Folia Ent. Mexicana* 12-14:1-312.
- HALFFTER, G., V. HALFFTER, AND I. LOPEZ. 1974. *Phanaeus* behavior: Food transportation and bisexual cooperation. *Environ. Ent.* 3:341-345.
- LECONTE, J. L. 1847. *Fragmenta entomologica*. J. Acad. Sci. Philadelphia. (Series 2) 1:86.
- LINDQUIST, A. W. 1933. Amounts of dung buried and soil excavated by certain Coprini (Scarabaeidae). *Kansas Ent. Soc.* 4:109-125.
- LINDQUIST, A. W. 1935. Notes on habits of certain coprophagous beetles and methods of rearing them. USDA Agric. Circ. 351. 10 p.
- OLSOUFIEFF, G. D. 1924. Les Phanaeides (Coleoptera: Lamellicornia). *Insecta, Revue Illustree Ent.* 30(145-156):1-172, 15 pl.
- ROBINSON, M. 1948. A review of the genus *Phanaeus* inhabiting the United States (Scarabaeidae: Coleoptera). *Trans. Amer. Ent. Soc.* 73:299-305.
- STEWART, T. B. 1967. Food preferences of coprophagous beetles with special reference to *Phanaeus* spp. *J. Georgia Ent. Soc.* 2(3):69-77.
- WOODRUFF, R. E. 1973. Arthropods of Florida and neighboring land areas. Vol. 8. The scarab beetles of Florida. Florida Dept. of Agric. and Consumer Ser. Contr. 260, Bureau of Ent. 220 p.



CORRECT VALIDATION OF THE GENERIC NAME
ACALLEPITRIX BECHYNÉ 1959 (CHRYSOMELIDAE: ALTICINAE)

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A nomenclaturally acceptable proposal of the neotropical genus *Acallepitrix* by Bechyné in 1959 (7) was preceded by 2 nomenclaturally unacceptable proposals of the generic name and by several new combination proposals and new species descriptions.

Both generic descriptions (2,3) published prior to 1959 are invalid because they lack the original designation of a type-species required by the International Code of Zoological Nomenclature (I.C.Z.N.) for new nominal genera proposed for more than one included species after 1930. In 1959 (7), "*Acallepitrix* n.gen." was proposed, accompanied by a type-species designation: "Generotypus: *Chalcoides erichsoni* Jac.". Specific names proposed (1,2,3,6) before 1959 in *Acallepitrix* are available even though published in combination with a generic name unavailable at the time of their description [I.C.Z.N. Art. 17(3)]. As for species (1,3,4) transferred from other genera before 1959 to the then unavailable *Acallepitrix*, we can accept Bechyné's referrals.

Two Bechyné papers published after the valid 1959 description contain differing citations to the place and date of publication of *Acallepitrix*. In 1963, Bechyné and Bechyné (11) correctly cited the 1959 description (7) of the genus. However, in 1970, Bechyné (8) cited the 1957 reference (3) as the valid description of *Acallepitrix* and designated one of the included species (*Crepidodera coracina* Boheman 1859) as type. This was incorrect. The 1959 description of the genus *Acallepitrix* satisfies the rules of nomenclature of the I.C.Z.N. with regard to description of a genus and designation of a type-species after 1930. *Chalcoides erichsoni* Jacoby 1902 is thus the type species of the genus *Acallepitrix*, by original designation.

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REFERENCES

1. BECHYNÉ, J. 1955. Reise des Herrn G. Frey in Südamerika: Alticipidae (Col. Phytophaga). Ent. Arb. Mus. Georg Frey 6:74-266; 3 plates.
2. ———. 1956. Über die Alticipiden-Sammlung Heikertinger (Col. Phytophaga). Ent. Arb. Mus. George Frey 7(2):577-598.
3. ———. 1957. Alticipides néotropicaux de la collection de Museo Civico de Storia Naturale "Giacomo Doria" di Genova (Coleopt. Chrysomelidae). Annali Mus. civ. Stor. nat. Giacomo Doria 69:51-74; 8 figs.
4. ———. 1957. Provisorische Liste der Alticipiden von Rio Grande do Sul (Col. Phytoph. Chrysomeloidea). Iheringia Zool. no. 3:1-52.
5. ———. 1957. Voyage de M. le Dr. A. Roman au Brésil (1914-1915) Eumolpides, Galerucides et Alticipides (Col. Phytophaga). Ark. Zool. 11(10):133-152.
6. ———. 1958. Notizen zu den neotropischen Chrysomeloidea (Col. Phytophaga). Ent. Arb. Mus. Georg Frey 9(2):478-706; 2 figs.
7. ———. 1959. Beiträge zur Kenntnis der Alticipidenfauna Boliviens (Coleopt. Phytoph.). Beitr. neotrop. Fauna 1(4):269-381.
8. ———. 1970. Notes sur quelques *Acallepitrax* de l'Amérique méridionale (Col. Phytophaga, Alticipidae). Bull. mens. Soc. linn. Lyon 39(4):156-160.
9. BECHYNÉ, J. AND B. BECHYNÉ. 1961. Notas sobre Chrysomeloidea neotropica. Bolm Mus. Para. Emilio Goeldi Zool. no. 33:1-50; 7 figs.
10. ———. 1961. Notas sobre Chrysomeloidea neotropica II. Bolm Mus. Para. Emilio Goeldi. Zool. no. 37:1-93; 9 figs.
11. ———. 1963. Beiträge zur Kenntnis der Salvadorenischen Chrysomeloidea (Col. Phytophaga) 1. Fortsetzung. Iheringia Zool. no. 31:1-79.
12. ———. 1964. Notes sur quelques Chrysomeloidea néotropicaux (Col. Phytophaga). Rev. bras. Ent. 11:117-137; 5 figs.
13. ———. 1965. Notes sur les Chrysomeloidea capturés par le Dr. W. A. Egler au Rio Jari (Brésil: Pará/Amapá) en 1961 (Col. Phytophaga). Bolm Mus. Para. Emilio Goeldi Zool. no. 53:1-44; 9 figs.

